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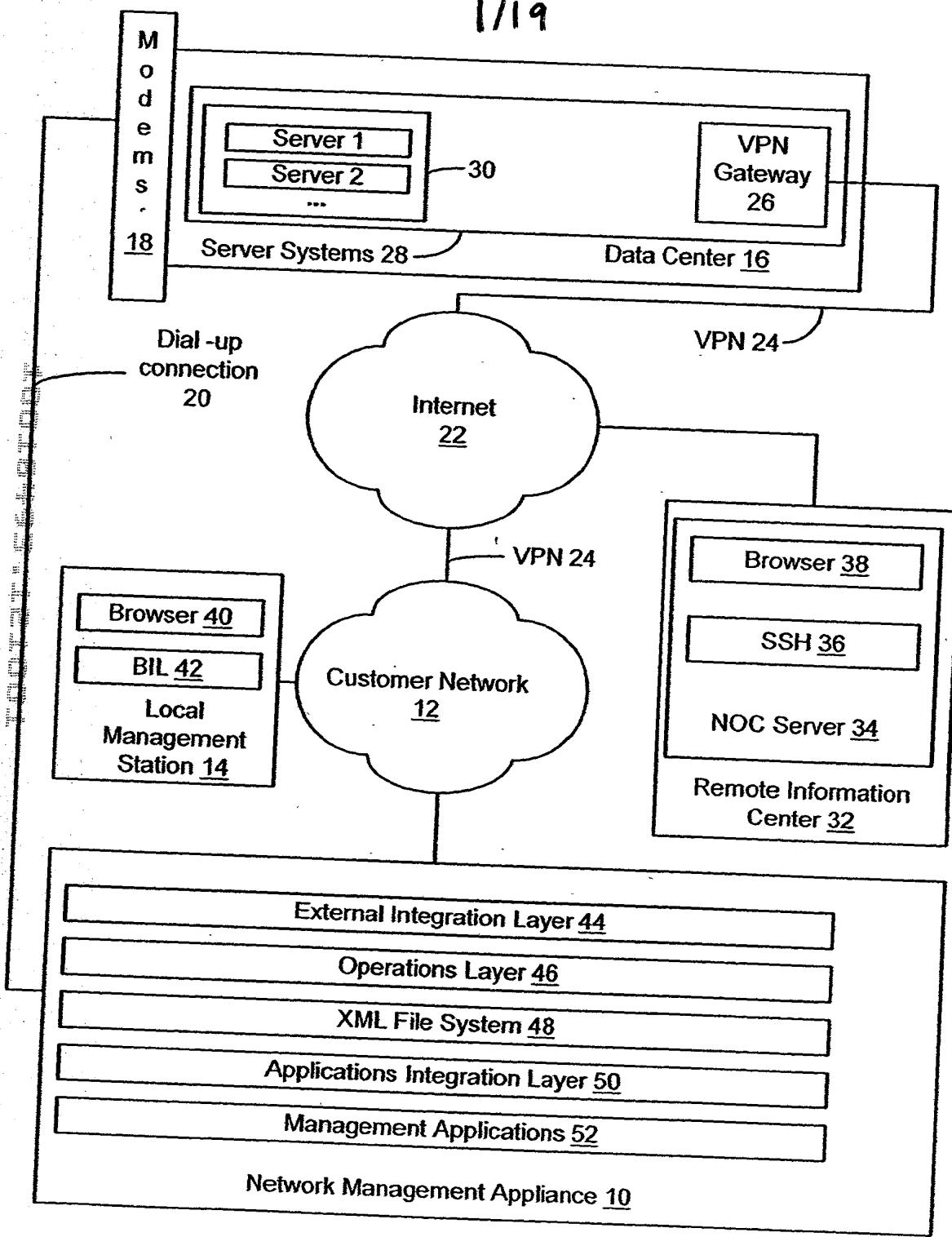


Fig. 1

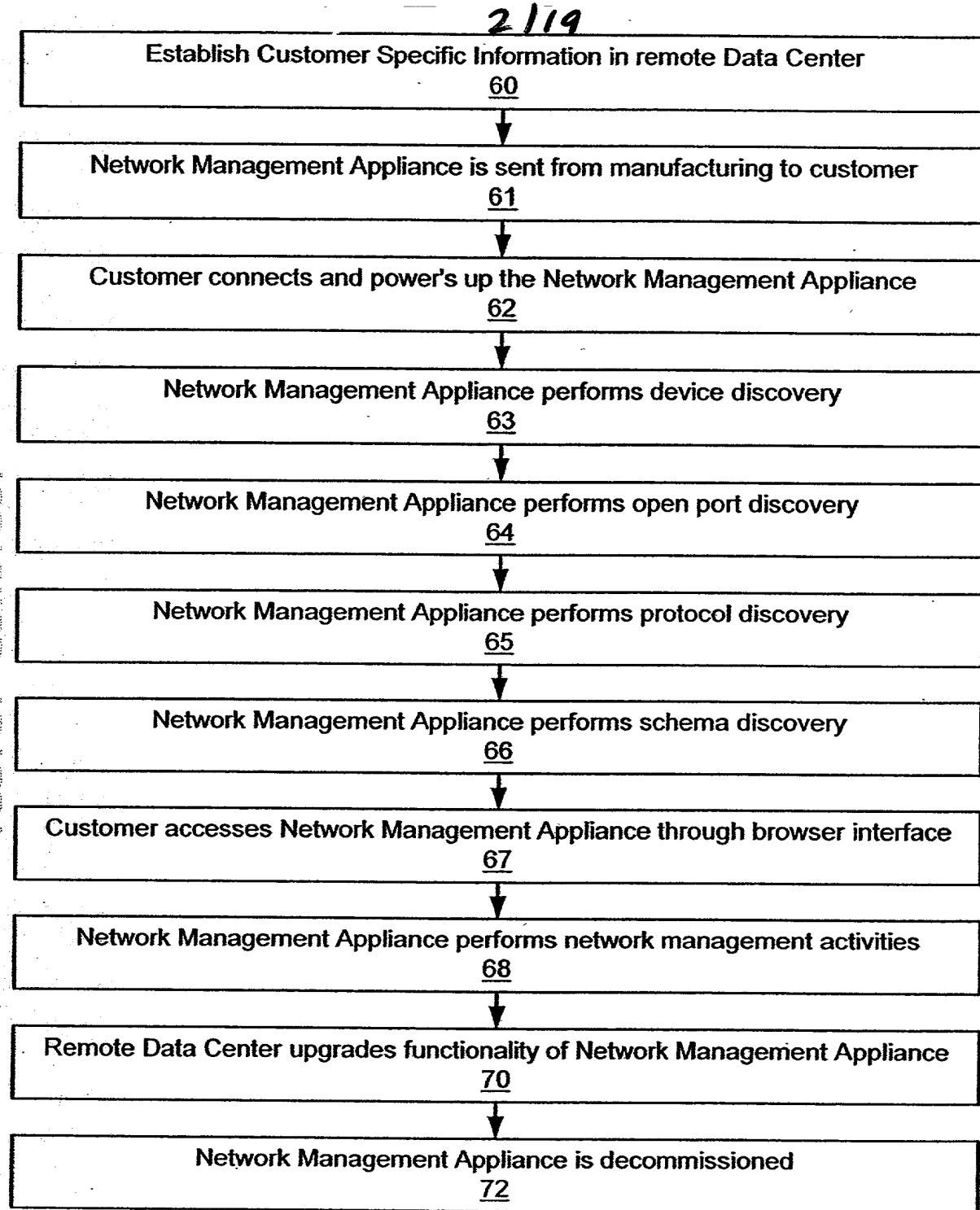


Fig. 2

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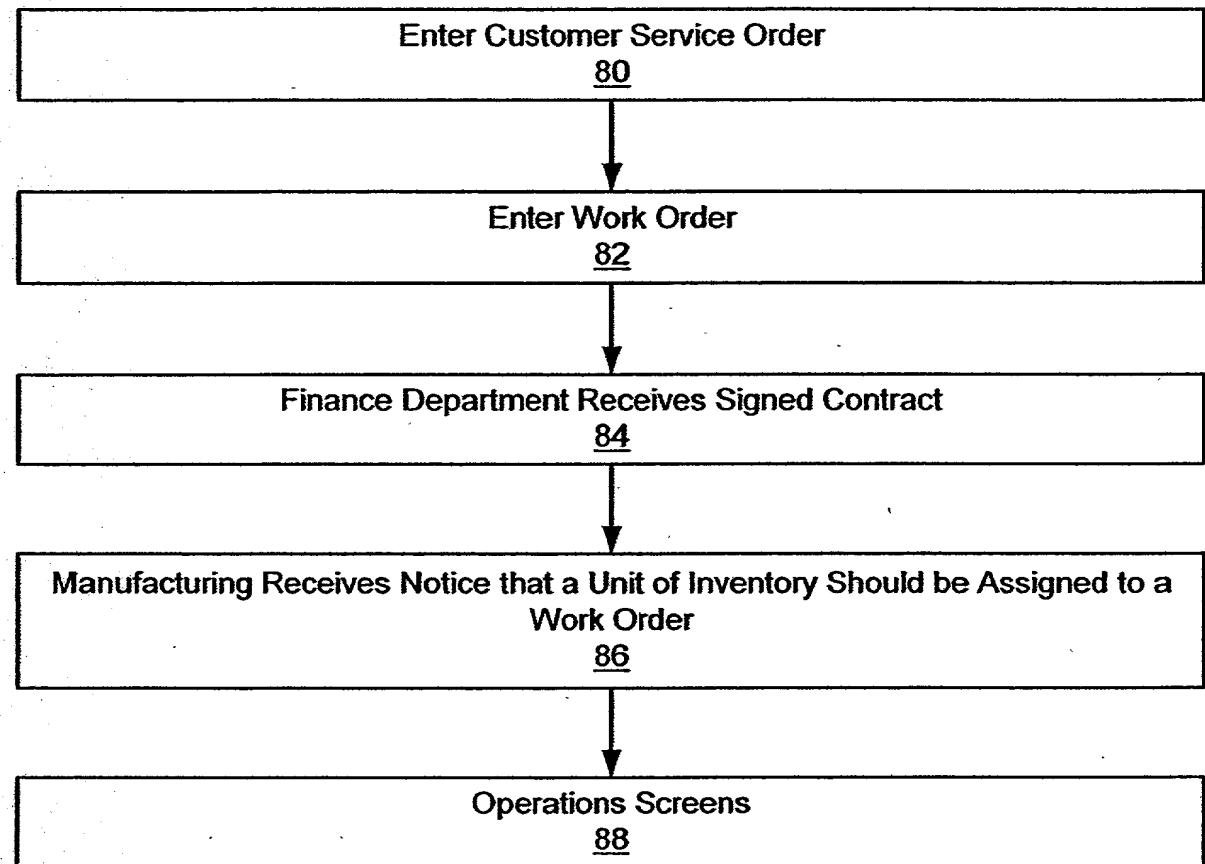


Fig. 3

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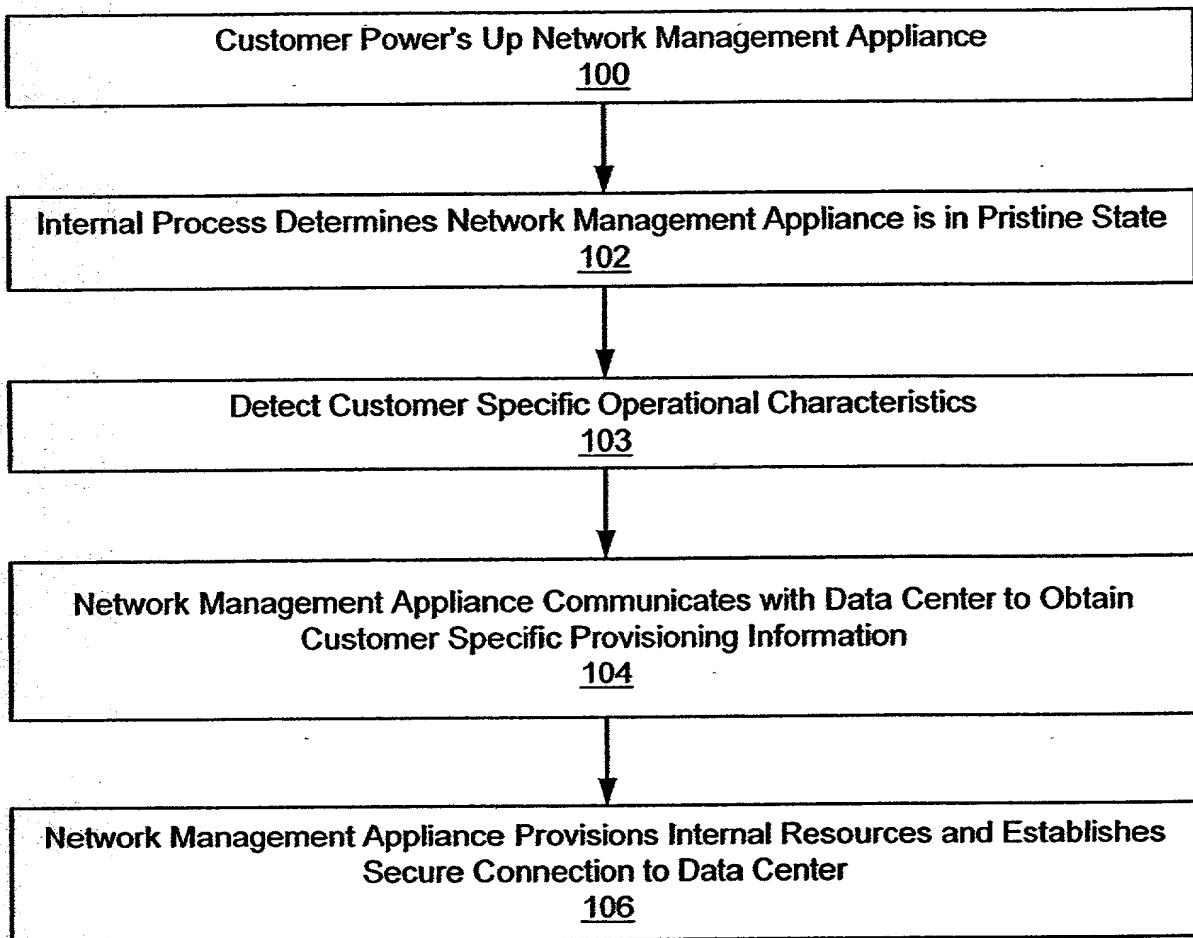


Fig. 4

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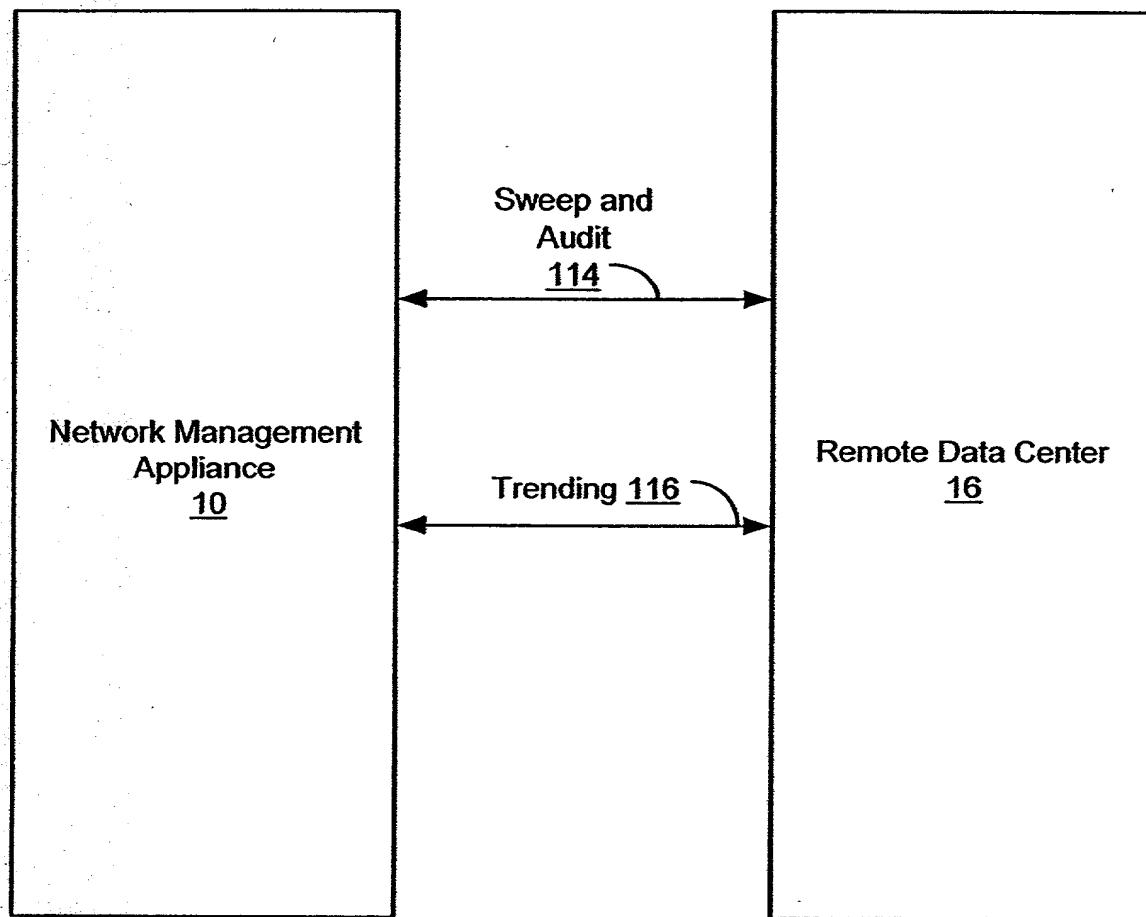


Fig. 5

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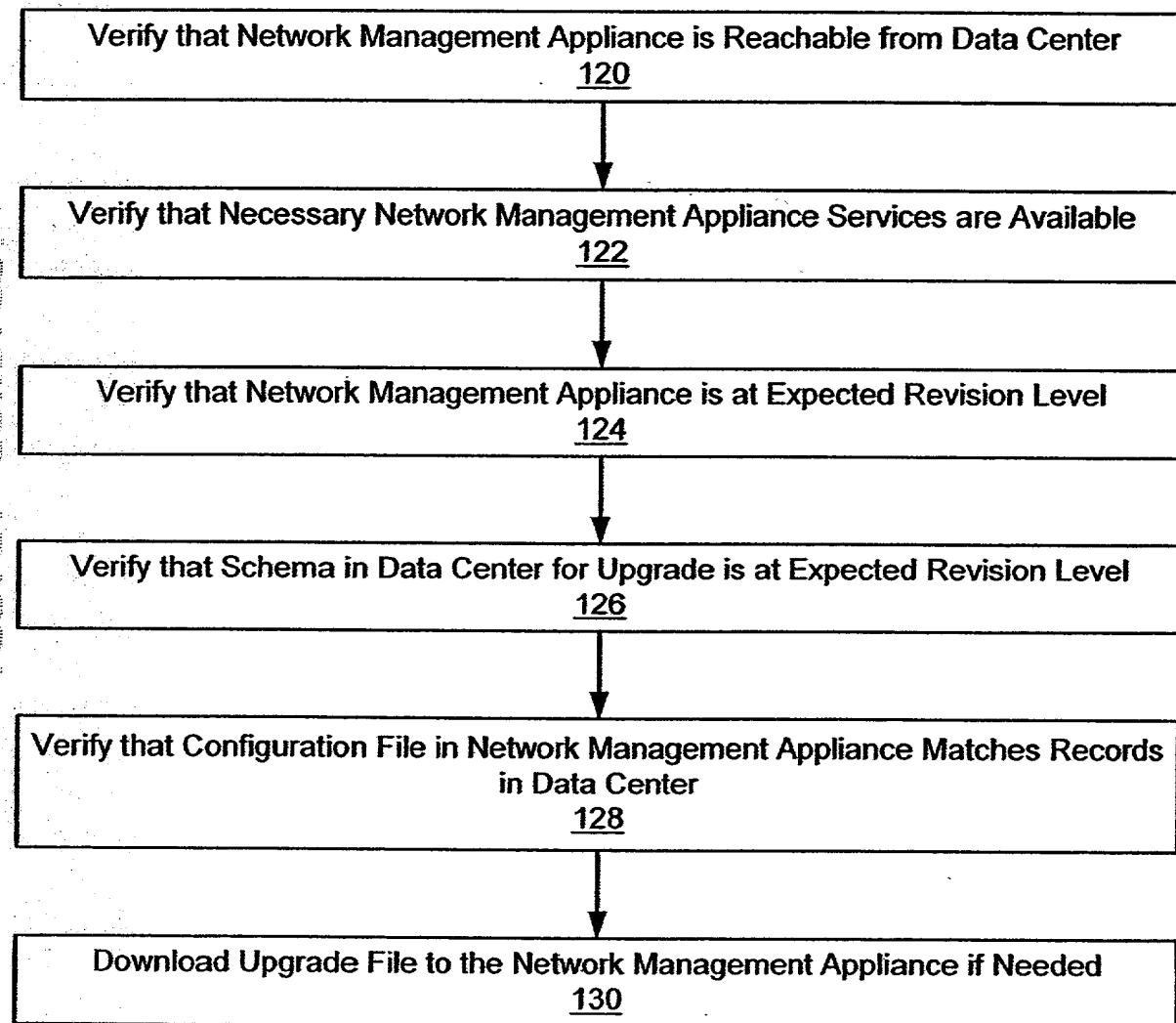


Fig. 6

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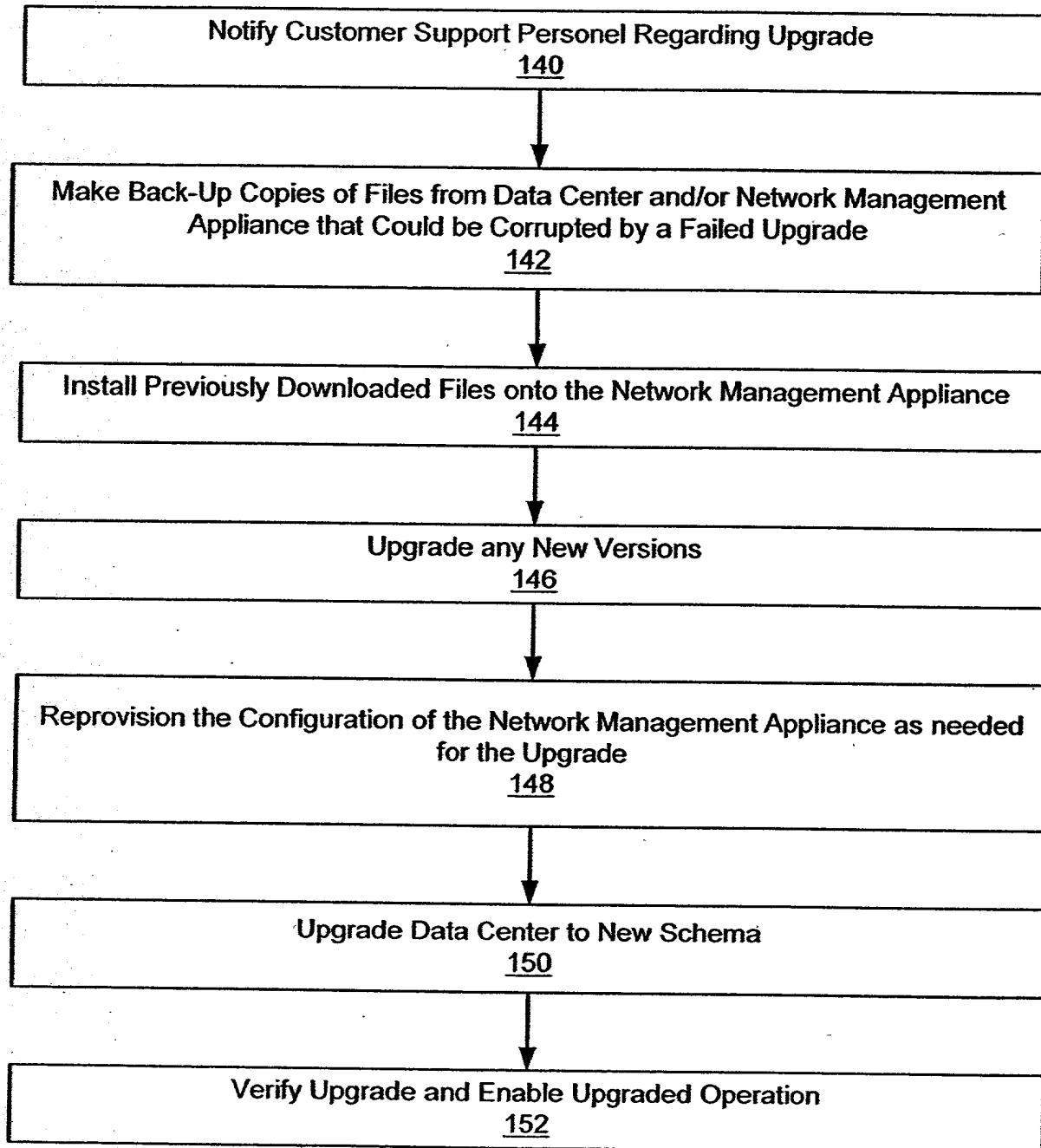


Fig. 7

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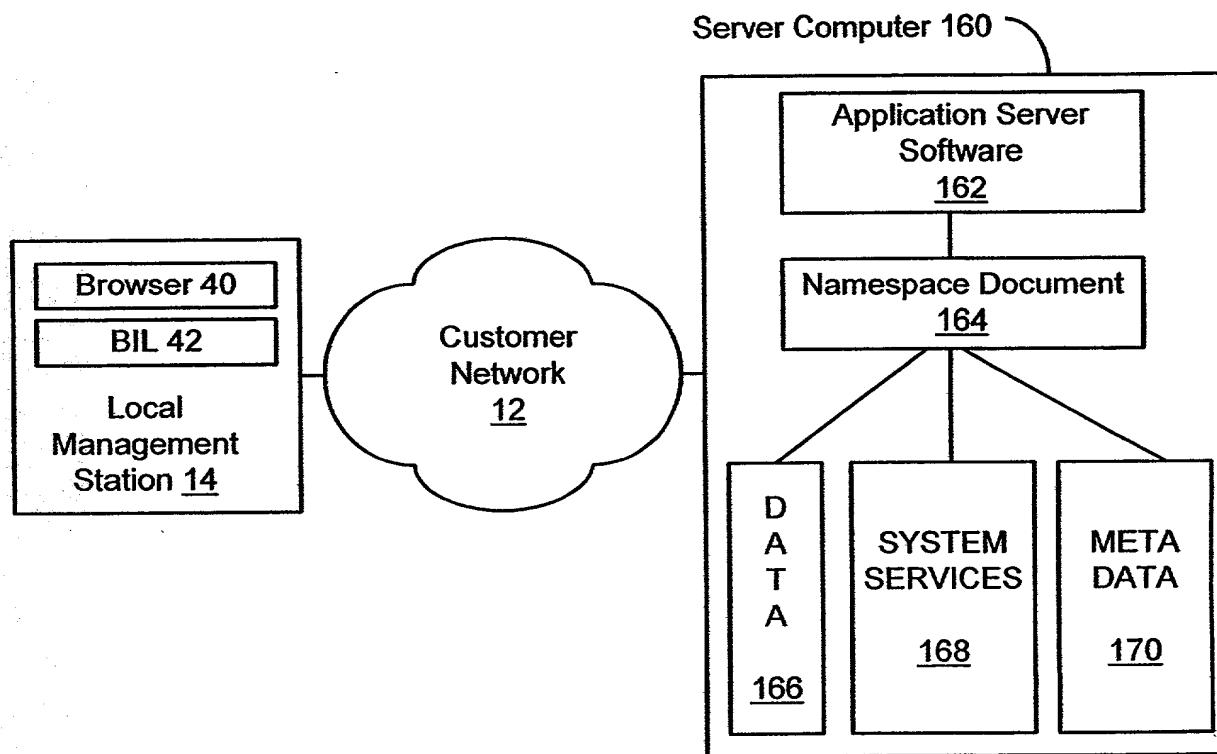


Fig. 8

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180 {

```
<root>
  <usr>
    <bin/>
  </usr>
  <app>
    <report/>
  </app>
  <cpe>
    <report/>
  </cpe>
</root>
```

 } 182
 } 184
 } 186

Fig. 9

190 {

```
<app>
  <report>
    <get-schema/>
    <dc-box-upgrade/>
    <performance/>
  </report>
</app>
```

 } 192 { } 194
 } 196
 } 198

Fig. 10

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210 {
 <file type="dir" name="public">
 212 {
 <file type="file" name="test.xml">
 214
 </file>
 </file>
 }

Fig. 11

220 {
 <file type="file" name="get-schema">
 <access-specification>
 <access-control-entry>
 <role>Admin</role>
 222
 <permissions>
 <read/>
 <write/>
 <delete/>
 <add/>
 224
 </permissions>
 </access-control-entry>
 </access-specification>
 </file>

Fig. 12

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230 {
 232 {
 234 {
 <file type="dir" name="public">
 <file type="file" name="test.xml">
 <physical type="xml">
 <file>/usr/local/system/mytest.xml</file>
 </physical>
 </file>
 </file>
 }

Fig. 13

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240 {
 <file type="dir" name="public">
 <file type="file" name="get-schema">
 <physical type="xlet">
 <language type="perl"
 class="/usr/local/silverback/bin/get-schema.pl"/>
 </physical>
 </file>
 </file>

241

242

Fig. 14

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250

```
<root>
  <usr>
    <bin/>
  </usr>
  <app>
    <report/>
  </app>
  <cpe>
    <report/>
  </cpe>
<system>
  <file type="dir" name="root">
    <file type="dir" name="usr">
      <file type="file" name="bin"/>
    </file>
    <file type="dir" name="app">
      <file type="file" name="report"/>
    </file>
    <file type="dir" name="cpe">
      <file type="dir" name="report"/>
      <access-specification>
        <access-control-entry>
          <role>Admin</role>
          <permissions>
            <read/>
            <write/>
            <delete/>
            <add/>
          </permissions>
        </access-control-entry>
      </access-specification>
      <file type="file" name="get-schema">
        <physical type="xlet">
          <language type="perl"
class="/usr/local/silverback/bin/upgrade/get-
schema.pl"/>
        </physical>
      </file>
      <file type="file" name=
"performance.xml">
        <physical type="xml">
          <file>/usr/local/system/screens/
            performance.xml</file>
        </physical>
      </file>
    </file>
  <file>
```

Fig. 15(a)

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```
<access-specification>
  <access-control-entry>
    <role>Admin</role>
    <permissions>
      <read/>
      <write/>
      <delete/>
      <add/>
    </permissions>
  </access-control-entry>
</access-specification>
</file>
</system>
</root>
```

250

Fig. 15(b)

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add
260 {
<request>
 <name>test</name>
 <parent>/usr/local</parent>
 <type>dir</type>
 </request>} 262
 264
 266

Fig. 16

add
270 {
<request>
 <name>test.xml</name>
 <parent>/usr/local</parent>
 <type>file</type>
 <physical type="xml">
 <file>/usr/local/test.xml</file>
 <physical>
 </request>} 272
 274
 278

Fig. 17

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add

```
<request>
  <name>get-schema</name>
  <parent>/usr/local<parent>
  <type>file</type>
  <physical type="xml">
    <language type="perl"
      class="/usr/local/silverback/bin/upgrade/
        get-schema.pl"/>
    <physical>
  </request>
```

280 }
282 {

Fig. 18

add

```
<request>
  <name>test</name>
  <parent>/usr/local<parent>
  <type>dir</type>
  <access-specification>
    <access-control-entry>
      <role>Admin</role>
      <permissions>
        <read/>
        <write/>
        <delete/>
        <add/>
      </permissions>
    </access-control-entry>
  </access-specification>
</request>
```

290 }
292 {
294 }

Fig. 19

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300 { <reply>
 <status>
 <code></code> 302
 <message></message> 304
 </status>
 </reply>

Fig. 20

cp
310 { <request>
 <source>/usr/local/test</source>
 <target>/usr/local/test2</target>
 </request>

Fig. 21

mv
320 { <request>
 <source>/usr/local/test</source>
 <target>/usr/local/test2</target>
 </request>

Fig. 22

rm
330 { <request>
 <source>/usr/local/test</source>
 </request>

Fig. 23

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340 {
 <reply>
 <status>
 <code></code>
 <message></message>
 </status>
 </reply>

342
344

Fig. 24

dir
350 {
 <request>
 <xpath>/usr</xpath>
 </request>

Fig. 25

360 {
 <reply>
 <directory>
 <get-schema/>
 <performance/>
 <report/>
 </directory>
 <status>
 <code></code>
 <message></message>
 </status>
 </reply>

362
364

Fig. 26

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dir
370 { <request>
 <xpath>/usr</xpath>
 <detail>true</detail>
</request> } 372

Fig. 27

<reply>
 <directory>
 <get-schema>
 <type>xlet</type>
 <physical type="xlet">
 <language type="perl"
class="/usr/local/silverback/bin/upgrade/get-schema.pl"/>
 </physical>
 </get-schema>
 <performance>
 <physical type="xml">

 <file>/usr/local/system/screens/performance.xml
 </file>
 </physical>
 </performance>
 <report>
 <type>dir</type>
 </report>
 </directory>
 <status>
 <code></code>
 <message></message>
 </status>
</reply>

Fig. 28

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exec
390 { <request>
 <xpath>/usr/foo</xpath>
 </request>

392

Fig. 29

500 { <reply>
 <!-results . . .
 <status>
 <code></code>
 <message></message>
 </status>
 </reply>

402

} 404

Fig. 30